

## STERILIZATION INDICATOR WITH CHEMICALLY STABILIZED ENZYME

### ABSTRACT

5 A sterilization indicator for testing the effectiveness of a sterilization procedure  
comprises a source of an enzyme, a sterilant-resistant chemical associated with the  
enzyme, and a substrate that reacts with the enzyme to form a detectable enzyme-modified  
product that provides an indication of the failure of the sterilization procedure. The  
sterilant-resistant chemical may be a polyglycerol alkyl ester, polyglycerol alkyl ether, an  
10 ethoxylated polyhydric alcohol ester, or a polyhydric alcohol ether. The indicator may be  
used to test the effectiveness of a hydrogen peroxide plasma sterilization procedure and  
may be provided with a non-challenge test pack or a lumen-challenge test pack.

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